

Title (en)
Improved mixing eductor

Title (de)
Verbesserte Mischdüse

Title (fr)
Ejecteur melangeur perfectionné

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Application
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Abstract (en)
Disclosed is an improved mixing eductor (10) of the type wherein the primary liquid (17), e.g., water, is in a main stream (201) flowing in a downstream direction. A venturi tube (51) is in the eductor (10) and has an annular sharp edge (131) in the main stream (201), thereby dividing such stream (201) into a primary stream (179) and a secondary stream (181) around the primary stream (179). The eductor (10) has an air gap (103) and a flow guide (47) downstream thereof. In a specific embodiment, the flow guide (47) is annular around the venturi tube (51) and the tube (51) and the guide (47) are in spaced telescoped relationship. Several embodiments of the eductor (10) and a new method for mixing liquids are disclosed.
<IMAGE>

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